UST/AST Program

Underground Storage Tanks (USTs),
Aboveground Storage Tanks (ASTs)

COURSE OBJECTIVES

- Understand inspection, maintenance, reporting, relocation, and record-keeping requirements for ASTs and USTs
- Be aware of upcoming changes; UST removals; bulk and retail fuel facilities; AST Web-page on SEMS Intranet
- Be aware of how everyday activities can have an effect on sustainability goals

DIVISION OF OIL AND PUBLIC SAFETY (OPS)

USTs

- Above 110 gallon capacity
- Non-Propane
- Non-Heating fuel

ASTs

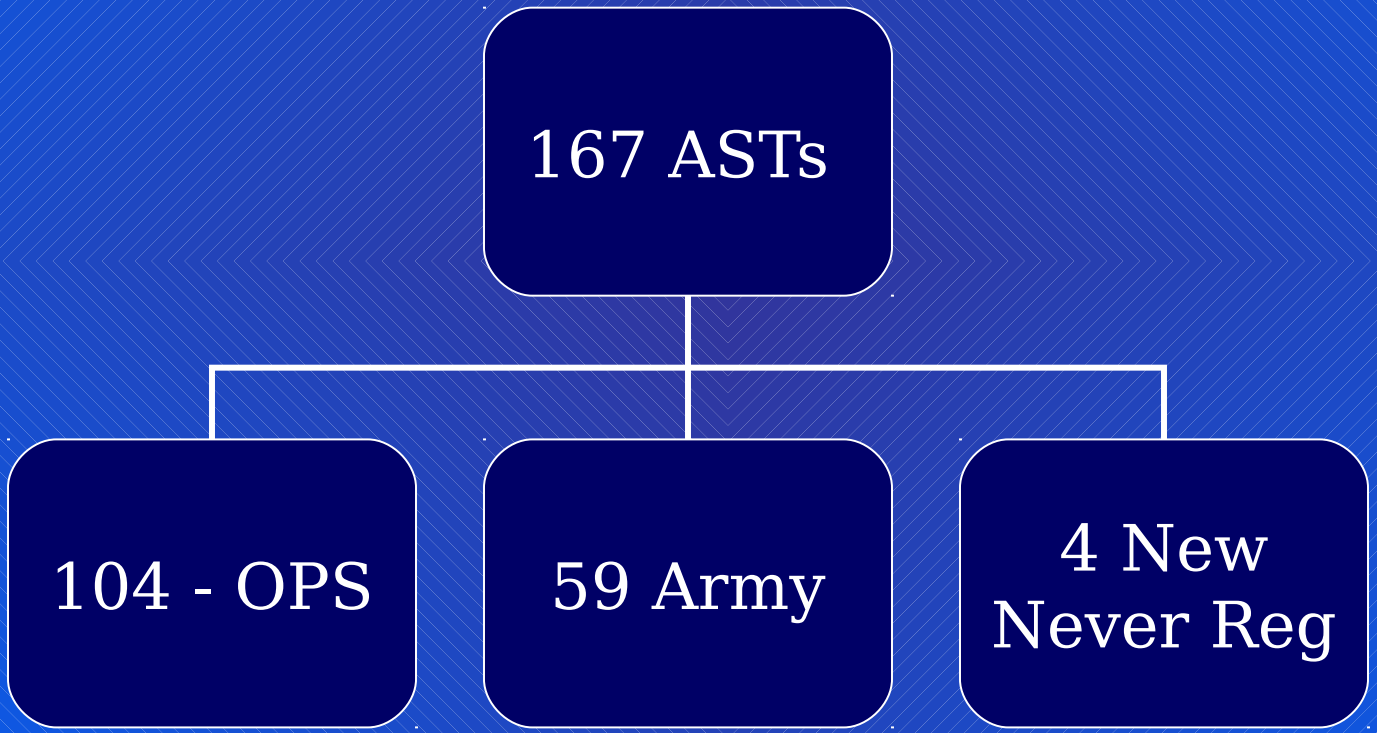
- Above 660 gallon capacity
- Non-Propane
- Non-Heating fuel

Army (AR 200-1 & FC 200-1)

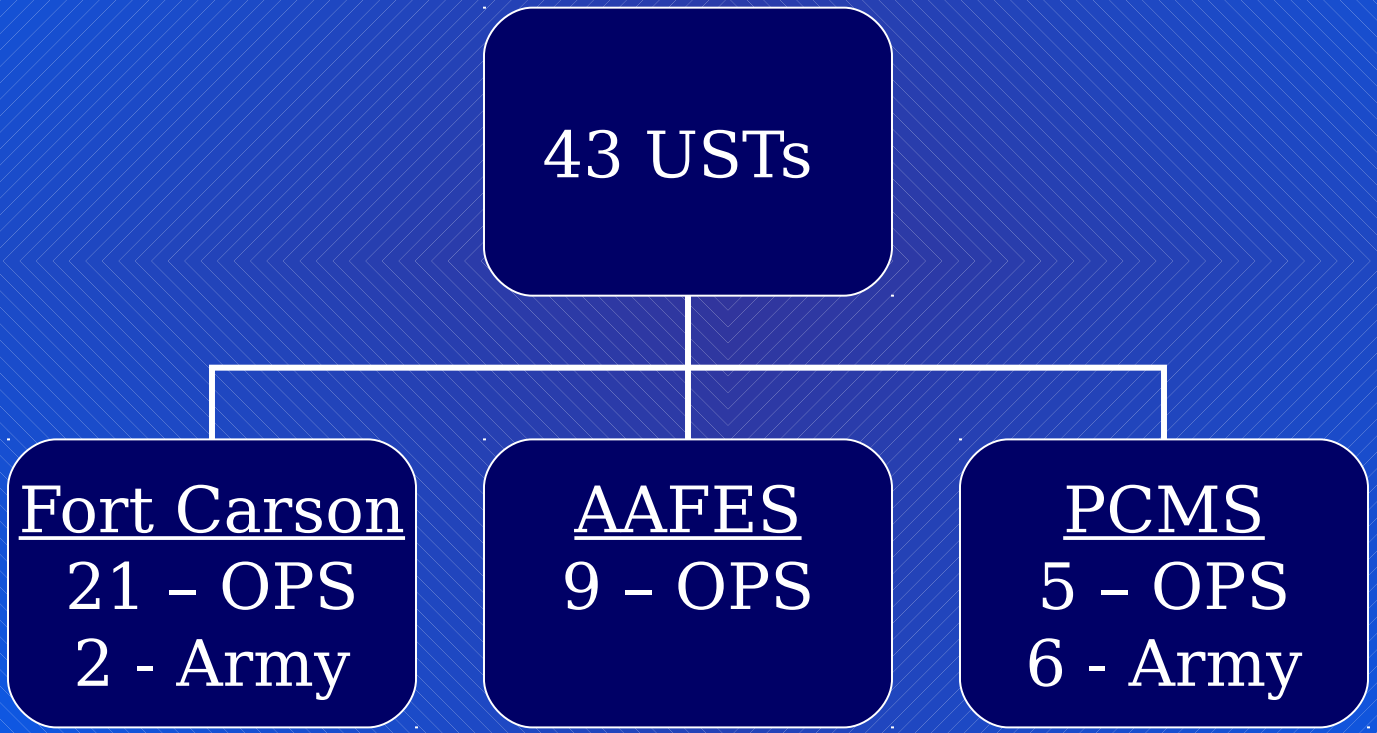
- Above 250 gallon capacity
- Heating fuel

ALL 210 USTs & ASTs on Fort Carson and the PCMS must adhere to OPS Standards

AST BREAKDOWN



UST BREAKDOWN



INSPECTIONS

USTs

- Annual Corrosion Protection
- Annual Tank and Line Leak
- Monthly Leak Detection Equipment

ASTs

- Monthly Leak
- Monthly Corrosion Protection (if applicable)
- Daily Leak (if used oil)

MAINTENANCE

...From FC 200-1...

All units...with ASTs, are required to maintain...the tanks to ensure that the tanks and associated equipment remain in working condition.

MAINTENANCE & REPAIRS

If repair of a tank or equipment is needed

AND

simple, trouble shooting efforts do not work

THEN CALL

SERVICE ORDER DESK

AT 526-5345.

**Make sure to get a copy of any maintenance

REPORTING AND REGISTERING

- All Regulated USTs and ASTs must be Registered
- All spills and releases from USTs must be reported w/in 24 hrs - including suspected releases
- Notification must occur before

  RELOCATION

  i.e., temporary or permanent closure, or change in service

RECORD KEEPING

USTs

- Annual Corrosion Protection Inspections
- Annual Tank and Line Leak Inspections
- Monthly Leak Detection Equipment Print-outs and Manufacturers performance claims

ASTs

- Monthly Leak Inspections
- Ullage Logs
- Monthly Corrosion Protection (if applicable)
- Daily Leak (if used oil)
- Maintenance/Repairs
- SPCCP
- History

Before Fuel Privatization

…and after

VIL Keys

FUEL FACILITY PRIVATIZATION INITIATIVE

USTs To Be Removed

501 – 1-20,000(JP8) and 1-10,000(JP8)

1982 – 3-20,000(JP8)

8152 – 3-20,000(Diesel, Gas, JP8)

9072 – 3-20,000(JP8)

1882 – 3-20,000(JP8)

9606 – 1-500(used oil); 1-20,000(JP8); and 2-30,000(JP8)

THE BULK FACILITY

Located on Butts Road

Six 20,000-gallon AST's

- 1 Diesel
- 1 Mogas
- 4 JP8.

Two Dispensers for JP8

The facility will be manned but soldiers will do their own fueling.

THE RETAIL FACILITY

Located on Specker & Barger

Three 12,000-gallon ASTs

Eight Dispensers

- 2 Mogas
- 4 JP8
- 2 Diesel

Projected Opening Date: 1 June 2005

Aboveground Storage Tanks
State Approved Forms
Ullage

Prior to filling a tank, it must be gauged for capacity and the tank ullage documented. Record the ullage on the ABOVEGROUND STORAGE TANK ULLAGE LOG

Aboveground Storage Tanks
State Approved Forms
Used Oil

Conduct **daily visual inspections** on Used Oil ASTs. Document these inspections in conjunction with recording the ullage (available capacity) on the ABOVEGROUND STORAGE TANK ULLAGE LOG

Aboveground Storage Tanks
State Approved Forms
Monthly Inspections

Conduct **monthly inspections** and document your findings using the

ABOVEGROUND STORAGE TANK MONTHLY VISUAL INSPECTION FORM

DOCUMENT!

Fort Carson Environmental Compliance Assessors will routinely ask to see these inspection and ullage logs when they come to your motor pool to do an inspection.

The EPA, OPS and EPAS assessors can also request copies of these logs at any time.

DO NOT MOVE ANY TANK WITHOUT NOTIFYING DECAM FIRST!!

Call 6-1686

There are numerous state requirements to comply with before a tank can be moved, such as a 10 day notification to OPS and submittal of previous year's inspection logs and/or soil assessment.

FORT CARSON 25-YEAR SUSTAINABILITY GOALS

Everyday activities can have an effect on sustainability

Whether or not the effect is positive or negative depends on

YOU

(#12)

SOURCE REDUCTION

ORDER THE

MINIMUM

AMOUNT OF FUEL REQUIRED TO ACCOMPLISH THE MISSION

(#9)

WASTE REDUCTION

Used Oil ASTs

DO'S

- Pour only POL products into the tank
- Ensure used oil doesn't become contaminated
- Check the condition of the screen frequently
- Call 6-2896 when ¾ full

DONT'S

- No synthetic oils
- No antifreeze
- No nuts
- No bolts
- If none or damaged screen - do not use tank until screen is replaced

(#10)

…Have you learned…

- Environmental Requirements for Storage Tanks
- What USTs will be removed, when the new fuel facilities will be operational, and where to find the AST Web-page
- How you can contribute to sustainability measures for source and waste reduction

QUESTIONS?